

INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO 04 FEB 2005

International Application No

PCT/GB 03/03737

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01J5/20 G02B6/34 H01L21/50 H01L23/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01J G02B H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 16637 A (EPITAXX INC) 8 March 2001 (2001-03-08) page 5	1, 20, 21
A	US 6 252 229 B1 (BISIGNANO ALAN GLENN ET AL) 26 June 2001 (2001-06-26) cited in the application the whole document	1, 4-6, 8, 9, 20, 21, 41
A	WO 91 07788 A (ASEA BROWN BOVERI) 30 May 1991 (1991-05-30) abstract; figures	1, 20, 21
A	US 4 477 828 A (SCHERER JEREMY D) 16 October 1984 (1984-10-16) figures 2, 3	1, 20, 21

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

8 December 2003

Date of mailing of the international search report

16/12/2003

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0116637	A	08-03-2001	AU 1249601 A WO 0116637 A1	26-03-2001 08-03-2001
US 6252229	B1	26-06-2001	AU 4848299 A WO 0003215 A1 US 2001022207 A1	01-02-2000 20-01-2000 20-09-2001
WO 9107788	A	30-05-1991	SE 465001 B SE 8903816 A WO 9107788 A1	08-07-1991 16-05-1991 30-05-1991
US 4477828	A	16-10-1984	DE 3381768 D1 EP 0123689 A1 WO 8401666 A1 US 4633573 A	30-08-1990 07-11-1984 26-04-1984 06-01-1987